

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 3

RECEIVED
CENTRAL FAX CENTER
SEP 10 2007

AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Currently amended) A system for enhancing perceived throughput between a client and a server, said system comprising:
a predictive server in association with said server, wherein said predictive server comprises a server analyzer unit and a server storage unit;
a client agent in association with the client, wherein the client agent comprises an agent analyzer unit and an agent storage unit;
wherein the predictive server is capable of:
receiving from said server, with the predictive server analyzer unit, a first response to request for a web page;
generating at the predictive server storage unit a predictive list of requests for objects, which are needed for presenting the requested web page, based on an analysis of information contained within said stored first response,
issuing predictive requests to the server,
receiving from the server predictive responses, and
forwarding the stored first response and the received predictive responses to the client agent which, in turn, is capable of forwarding the stored first response and the received predictive responses to the client; and
wherein the client agent is capable of:
receiving with the agent analyzer unit via the predictive server said first response,
analyzing the first response,
automatically forwarding said first response to the client,
receiving from the client a request for an object contained in first response and is needed for presenting the requested web page,
comparing the request for said object with the already received predicted responses, wherein

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 4

- when an already received corresponding predicted response exists the existing predicted response is forwarded to the client, and
- adapted to receive a first response to a request for a web page from the server, to analyze said first response, to generate one or more predictive requests for one or more objects, wherein the one or more objects are needed in order to complete said requested web page and to send said one or more predictive requests to the server in response to said analysis.
2. (Currently amended) The system of claim 1, wherein the predictive server is further capable of generating an agent predictive list of objects which are needed for presenting the requested web page; and
- wherein the client agent is further capable of comparing the request against the agent's predictive list, when an already received predicted response does not exist, and if no entry for that request for an object, the request is forwards toward the server.
- The system of claim 1, further comprising a client agent unit adapted to communicate with said predictive unit and to receive a predictive response corresponding to one of said one or more predictive requests.
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Currently amended) The system of claim [[6]] 2, wherein said client agent receives requests from said client and forwards the requests to said predictive unit using encapsulation.
8. (Currently amended) The system of claim [[6]] 1, wherein data transmitted between said client agent unit and said predictive server unit undergoes a data processing step selected from a group consisting of data compression, partial information transfer, protocol conversion, and data packet combining.

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 5

9. (Currently amended) The system of claim 11, wherein the client agent unit is adapted to transmit a faked response to a client before a real response from said server has been received.

10. (Cancelled)

11. (Currently amended) A method for enhancing perceived throughput between a server and a client utilizing a predictive server unit and a client agent, said method comprising:

analyzing the server's first response to a request issued by the client for a web page;

generating a list of predictive requests for objects needed for presenting the web page based on the content of the server's first response;

sending the predictive requests toward the server;

transferring automatically with the predictive server the server's first response toward the client by means of the client agent;

receiving at the predictive server predictive responses from said server;

sending with the predictive server the predictive responses toward the client agent;

the client receiving the first response and issuing a request for an object contained within the first response and is needed for presenting the web page, the request is forwarded to the client agent; and

~~the predictive unit analyzing the server's response to a request for a web page issued by the client, generating one or more predictive requests for one or more objects, wherein the one or more objects are needed in order to complete said requested web page and to send said one or more predictive requests to said server in response to said step of analyzing.~~

12. (Currently amended) The method according to claim 11, further comprising by the client agent:

generating a client agent own predictive list; and

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 6

comparing received requests for objects with objects listed in its own predictive list and if no entry for that object is in said list the client agent forwarding the request to the server

~~wherein the step of analyzing further comprise verifying whether any of said one or more objects associated with one or more URLs is present at said client or at said predictive unit.~~

13. (Cancelled)

14. (Cancelled)

15. (Currently amended) The method according to claim [[14]] 11, wherein the client agent ~~unit~~ receives the response to one of the one or more predictive requests after said client agent ~~unit~~ forwards the client's request for reload to said predictive server ~~unit~~.

16. (Cancelled)

17. (Currently amended) The method according to claim [[16]] 11, wherein said predictive server ~~unit~~ receives multiple predictive responses, encapsulates the multiple predictive responses and forwards the encapsulated responses to the client agent ~~unit~~.

18. (Currently amended) The method of claim 17, wherein data transmitted between said client agent ~~unit~~ and said predictive server ~~unit~~ undergoes a data processing step selected from a group consisting of data compression, partial information transfer, protocol conversion, and data packet combining.

19. (Previously presented) The method of claim 11, wherein the client agent ~~unit~~ transmits fake responses to a client.

20. (Cancelled)

21. (Currently amended) The system of claim [[9]] 1, wherein said client agent is further capable of issuing a partial response ~~includes~~ a re-load command.

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 7

22. (Withdrawn) A system for enhancing perceived throughput between a client and a server, said system comprising a client agent unit adapted to transfer a first request of said client to said server, to receive a first response from said server, to modify said first response and to transfer said modified first response to said client, wherein said modified first response comprises a page description and a list of objects.
23. (Withdrawn) The system of claim 22, wherein said modified first response comprises a re-load command of objects of said page.
24. (Withdrawn) The system of claim 22, wherein said modified first response is a stripped down version of said first response.
25. (Withdrawn) The system of claim 22, wherein said client agent unit is adapted to respond to a first request, to fetch an object from a list of objects by responding to said client with a partial response while transferring the request to said server before a full response from said server has been received.
26. (Withdrawn) The system of claim 25, wherein said client agent unit is adapted to store responses received from said server until a corresponding load request for a received object is received from said client.
27. (Withdrawn) The method of claim 25, wherein said partial response includes a re-load command.
28. (Withdrawn) A method for enhancing perceived throughput between a server and a client, the method comprising transferring a first request from said client to said server, receiving a first response from said server, modifying said first response and transferring said modified response to said client, wherein said first response comprises a page description and a list of objects.
29. (Withdrawn) The method of claim 28, wherein modifying of said first response includes adding a re-load command of objects in said page.
30. (Withdrawn) The method of claim 28, wherein modifying of said first response is done by stripping down said first response.

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 8

31. (Withdrawn) The method of claim 28, further comprising responding to request to fetch an object from list of objects by sending a partial response to said client while transferring the request to said server.
32. (Withdrawn) The method of claim 31, further comprising storing a response to said request for an object received from said server until a re-load request corresponding to said received object is received from said client.
33. (Cancelled)